File: IBM-R323

Docket N . RPS920030161US1
Challen r, t al.
System and M th d to Allow Valid Pr files in Aut n mic C mputing Disc v ry
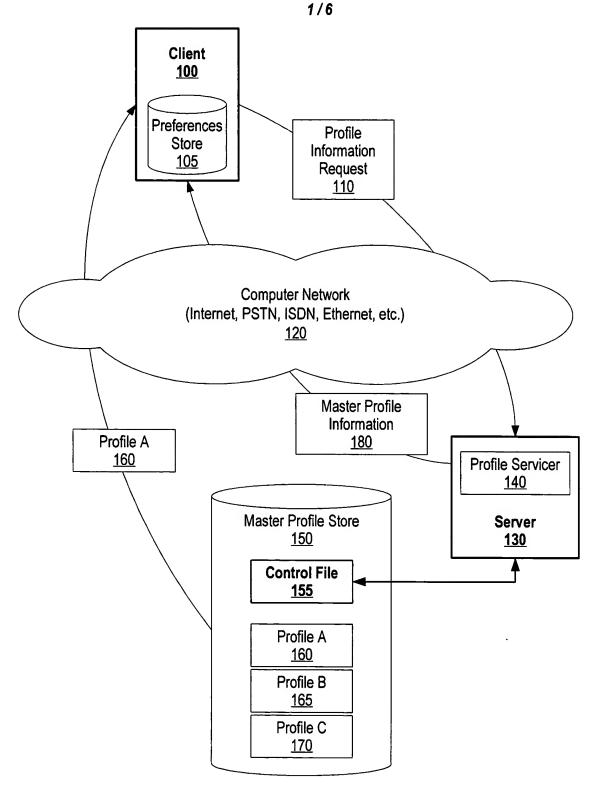
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Figure 1

Fil : IBM-R323

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200 →

CLIENT LOCATION	USER FUNCT. DESCRIPTION	PROFILE	FILE LOCATION	LAST UPDATE	
Building 1	Engineering	E1	server\profiles\engr	10/1/03 4:17p	230
	Accounting	A1	server\profiles\acct	8/15/02 12:15a	235
	Management	M1	server\profiles\mgmt	9/25/03 12:43p	240
Building 2	Engineering	E2	peer\eng\profiles	10/2/03 3:30p	245
	Accounting	A2	peer\act\profiles	4/12/03 2:34p	250
	Management	M2	peer\mgmt\profiles	6/14/03 2:15p	255

205, 210, 215, 220, 225

Figure 2A

260 →

USER FUNCT. DESCRIPTION	CLIENT LOCATION	PROFILE	LAST UPDATED	
Engineering	Building 1	E1	10/1/03 4:17p	285
	Building 2	E2	7/12/03 7:36a	290
	Remote	ER	9/18/03 11:15a	295

265, 270, 275, 280

Figure 2B

File: IBM-R323

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Start
300

Identify Location
305

Computer Network
120

Preferences Store
105

Retrieve Preferences
310

Request Profile Information
320

Server
130

Receive Master Profile Information
330

Compare Master Profile Information with Existing Profile
335

342

No

Update Profile?
340

348

Yes

Load Existing Profile
345

New Profile Load (See Figure 4)
350

Run Application
360

372

New Profile?
370

Yes (Loop)

No (Loop)

378

No

382

Complete?
380

388

Yes

End
390

Figure 3

Fil : IBM-R323

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New Profile Retrieval
400

412

418

Download Automatically?
410

Yes

No

Query User
450

Receive Response
455

User
440

Download New Profile
415

Server
130

Download Profile?
460

462

No

468

Yes

Load New Profile and Update Table
420

Download New Profile
470

Preferences Store
105

Load New Profile and Update Table
480

Inform User?
425

427

No

429

Yes

Return
490

Notify User
430

User
440

Returns
445

Figure 4

Fil : IBM-R323   D ck t N . RPS920030161US1
Challener, t al.
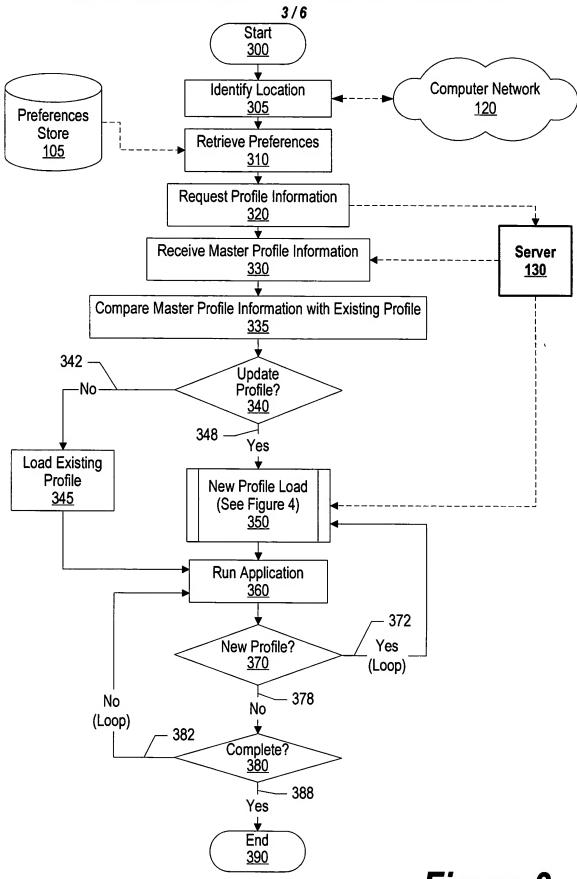System and Meth d t All w Valid Pr files in Aut n mic C mputing Disc v ry
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```
                                    ┌─────────────┐
                                    │ Server Start│
                                    │     500     │
                                    └──────┬──────┘
                                           │
┌──────────┐    ┌────────────┐     ┌──────▼─────────┐
│          │    │  Profile   │     │ Receive Profile│
│  Client  │───▶│Information │────▶│ Information    │
│   100    │    │  Request   │     │ Request        │
│          │◀ ─ │    110     │     │     510        │
└──────────┘    └────────────┘     └──────┬─────────┘
     ▲                                    │
     ┆                             ┌──────▼─────────┐
     ┆                             │Extract Client's│
     ┆                             │User Function   │
     ┆                             │Description     │
     ┆                             │     520        │
     ┆                             └──────┬─────────┘
┌────┴─────────┐                   ┌──────▼─────────┐
│Master Profile│                   │Extract Client's│
│ Information  │                   │   Location     │
│    180       │                   │     525        │
└──────────────┘                   └──────┬─────────┘
                    532                    │
                   No              ╱───────▼────────╲
          ┌─────────────◀─────────⟨  Authorized?    ⟩
          │                        ╲     530        ╱
   ┌──────▼──────┐                  ╲──────┬───────╱
   │Return Error │                         │      534
   │    535      │                        Yes
   └──────┬──────┘                         │
          │                         ┌──────▼─────────┐      ┌──────────┐
   ┌──────▼──────┐                  │Look-up         │      │Control   │
   │    End      │                  │Corresponding   │─ ─ ─▶│File Store│
   │    540      │                  │Profile Info    │      │   155    │
   └─────────────┘                  │    545         │      └──────────┘
                                     └──────┬─────────┘
                                     ┌──────▼─────────┐
                                     │Include Profile │
                                     │Location and    │
                                     │Last Update in  │
                                     │Message         │
                                     │    550         │
                                     └──────┬─────────┘
                                     ┌──────▼─────────┐
                                     │Send Message to │
                                     │Client          │
                                     │    560         │
                                     └──────┬─────────┘
                                     ┌──────▼─────────┐
                                     │     End        │
                                     │     570        │
                                     └────────────────┘
```

Figure 5

Fil : IBM-R323

D ck t No. <u>RPS920030161US1</u>
Chall ner, t al.
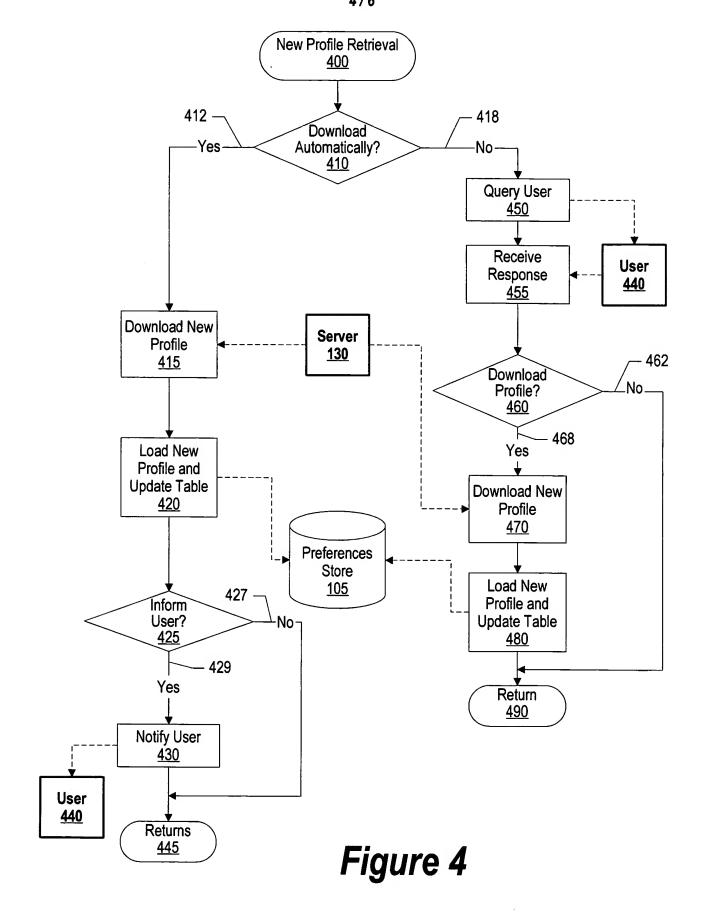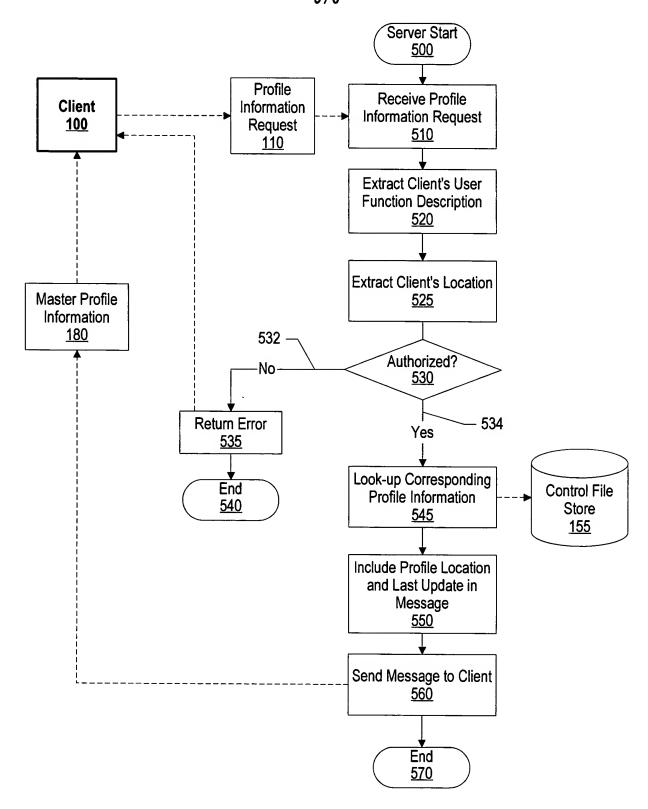System and Meth d to Allow Valid Pr files in Aut n mic C mputing Discovery

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622

JTAG/I2C Busses

Processor(s)
600

601

Host Bus   602

Level Two Cache
604

JTAG/I2C Busses

Main Memory
608

Host-to-PCI
Bridge   **606**

JTAG/I2C Busses

JTAG/I2C Busses

PCI Bus   610

Service Processor
Interface & ISA Access
Passthru
612

LAN Card
630

PCI Bus   614

Service
Processor
616

Flash
Memory
618

PCI-to-ISA
Bridge

635

[**655**]

USB   645

690

ring

Modem   675

NVRAM
620

Serial   664

Parallel   662

ISA Bus

640

Mouse

Keyboard

670   668

Figure 6